

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	38	((MAARTEN) near2 (BODLAENDER)).INV.	US-PGPUB; USPAT	AND	ON	2008/09/19 10:32
S2	9	S1 and media near3 content	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/09/19 13:07
S4	4	"2002032019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/09/19 13:15
S3	0	2002/032019	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/09/19 13:15
S5	2	lipman derrell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/09/19 13:16
S6	27	("2002/0032019").URPN.	USPAT	AND	ON	2008/09/19 13:18
S7	21	S6 and @ad<"20030926"	USPAT	AND	ON	2008/09/19 13:21
S8	0	radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time) and (time near3 estimat\$3)	USPAT	OR	ON	2008/09/19 14:01
S11	41	(broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same (period near3 time)	USPAT	OR	ON	2008/09/19 14:02
S10	0	(broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same playlist same (period near3 time)	USPAT	OR	ON	2008/09/19 14:02

S9	0	(broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time)	USPAT	OR	ON	2008/09/19 14:02
S12	37	S11 and @ad< "20030926"	USPAT	AND	ON	2008/09/19 14:03
S14	1	(channel adj surfing) near5 commercial adj break	USPAT	AND	ON	2008/09/19 14:34
S13	291	channel adj surfing	USPAT	AND	ON	2008/09/19 14:34
S17	27	S16 and @ad< "20030926"	USPAT	AND	ON	2008/09/19 14:36
S16	27	(channel adj surfing) same (period near3 time)	USPAT	AND	ON	2008/09/19 14:36
S15	0	(channel adj surfing) same (period near3 time) same estimat\$3	USPAT	AND	ON	2008/09/19 14:36
S18	0	search\$3 near3 channel same (while during) near3 commercial	USPAT	OR	ON	2008/09/19 14:49
S20	12	S19 and @ad< "20030926"	USPAT	AND	ON	2008/09/19 14:50
S19	12	search\$3 near3 channel same commercial	USPAT	OR	ON	2008/09/19 14:50
S23	3	S22 and S21	USPAT	AND	ON	2008/09/22 15:20
S22	291	channel adj surfing	USPAT	AND	ON	2008/09/22 15:20
S21	2499	(709/231).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/22 15:20
S27	7	S26 and @ad< "20030926"	USPAT	AND	ON	2008/09/22 15:21
S26	7	radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) and S21	USPAT	OR	ON	2008/09/22 15:21
S25	538	S24 and @ad< "20030926"	USPAT	AND	ON	2008/09/22 15:21
S24	588	(broadcast\$3 multicast\$3) and S21	USPAT	OR	ON	2008/09/22 15:21

S28	0	"10532470"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/23 15:25
S55	7	S54 and @ad< "20030926"	USPAT	AND	ON	2009/03/23 15:56
S54	7	radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) and S49	USPAT	OR	ON	2009/03/23 15:56
S53	563	S52 and @ad< "20030926"	USPAT	AND	ON	2009/03/23 15:56
S52	640	(broadcast\$3 multicast\$3) and S49	USPAT	OR	ON	2009/03/23 15:56
S51	3	S50 and S49	USPAT	AND	ON	2009/03/23 15:56
S50	311	channel adj surfing	USPAT	AND	ON	2009/03/23 15:56
S49	2726	(709/231).OQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/23 15:56
S48	12	S47 and @ad< "20030926"	USPAT	AND	ON	2009/03/23 15:56
S47	12	search\$3 near3 channel same commercial	USPAT	OR	ON	2009/03/23 15:56
S46	0	search\$3 near3 channel same (while during) near3 commercial	USPAT	OR	ON	2009/03/23 15:56
S45	28	S44 and @ad< "20030926"	USPAT	AND	ON	2009/03/23 15:56
S44	29	(channel adj surfing) same (period near3 time)	USPAT	AND	ON	2009/03/23 15:56
S43	0	(channel adj surfing) same (period near3 time) same estimat\$3	USPAT	AND	ON	2009/03/23 15:56
S42	1	(channel adj surfing) near5 commercial adj break	USPAT	AND	ON	2009/03/23 15:56
S41	311	channel adj surfing	USPAT	AND	ON	2009/03/23 15:56
S40	38	S39 and @ad< "20030926"	USPAT	AND	ON	2009/03/23 15:56
S39	47	(broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same (period near3 time)	USPAT	OR	ON	2009/03/23 15:56

S38	0	(broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same playlist same (period near3 time)	USPAT	OR	ON	2009/03/23 15:56
S37	0	(broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time)	USPAT	OR	ON	2009/03/23 15:56
S36	0	radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time) and (time near3 estimat\$3)	USPAT	OR	ON	2009/03/23 15:56
S35	21	S34 and @ad< "20030926"	USPAT	AND	ON	2009/03/23 15:56
S34	29	("2002/0032019").URPN.	USPAT	AND	ON	2009/03/23 15:56
S33	2	lipman derrell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/23 15:56
S32	4	"2002032019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/23 15:56
S31	0	2002/032019	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/23 15:56
S30	9	S29 and media near3 content	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/23 15:56
S29	48	((MAARTEN) near2 (BODLAENDER)).INV.	US-PGPUB; USPAT	AND	ON	2009/03/23 15:56
S56	181	(search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:16

S57	0	(search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) same (determin\$3 estimat \$3 calculat\$3) near5 (time near5 (duration period)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:17
S59	6	(search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) and (determin\$3 estimat \$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:18
S58	0	(search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) same (determin\$3 estimat \$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:18
S60	67	(substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media) same (determin\$3 estimat \$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:19
S63	1	(substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media)) same (determin \$3 estimat\$3 calculat\$3) near10 (time near5 (play \$3 duration period)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:20
S62	1	(substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media)) same (determin \$3 estimat\$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:20

S61	1	(substitut\$3 replac\$3 alternat\$3) near5 (current present) adj3 (video stream\$3 music media same (determin\$3 estimat\$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:20
S64	1	(substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media broadcast\$3)) same (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 duration period)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:21
S66	1	(substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media broadcast\$3)) and (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 remain\$3)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:22
S65	0	(substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media broadcast\$3)) same (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 remain\$3)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:22
S67	34	(substitut\$3 replac\$3 alternat\$3) near10 (video stream\$3 music media broadcast\$3) same (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 remain\$3)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:23
S69	12575	(determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:30

S68	15711	(determin\$3 measur\$3) near10 ((play\$3 remain\$3) near5 (time duration period)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:30
S70	1174	(determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) same (multimedia stream\$3 video music media) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:31
S71	536	(determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:32
S72	24	(determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media broadcast\$3) same (substitut\$3 replac\$3 chang\$3) near10 (multimedia stream\$3 video music media broadcast\$3) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:33
S74	58	(determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) same (search\$3 surf\$3) near10 (multimedia stream\$3 video music media broadcast\$3 channel) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:45
S73	247	(determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) same (substitut\$3 replac\$3 chang\$3 search\$3 surf\$3) near10 (multimedia stream\$3 video music media broadcast\$3 channel) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:45

S75	45	(determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) same (search\$3 surf\$3) near5 (multimedia stream\$3 video music media broadcast\$3 channel) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 13:46
S76	0	(determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4 display\$3) near5 (time duration period)) same (search\$3 surf\$3) near10 ((other another) adj3 (multimedia stream \$3 video music media broadcast\$3 channel)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 14:02
S77	51895	(determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4 display\$3) near5 (time duration period)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 14:03
S79	0	substitut\$3 near5 (alternative adj3 (content multimedia stream\$3 media)) same (determin\$3 measur\$3 calculat\$3 estimat\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 14:09
S78	77	substitut\$3 near5 (alternative adj3 (content multimedia stream\$3 media)) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 14:09
S81	1	substitut\$3 near10 (alternative adj3 (content multimedia stream\$3 media)) same (determin\$3 measur\$3 calculat\$3 estimat\$3) near10 (time duration period) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 14:10



S80	1	(substitut\$3 near5 (alternative adj3 (content multimedia stream\$3 media)) same (determin\$3 measur\$3 calculat\$3 estimat\$3) near5 (time duration period) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/07/27 14:10
S82	9	(substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near5 (remain\$3 near5 (time duration period)) and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:42
S85	7	(substitut\$3 replac\$3 alternat\$3) near10 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near10 (time duration period) same (switch\$3 chang\$3) near10 channel and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:46
S84	0	(substitut\$3 replac\$3 alternat\$3) near10 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near10 (remain\$3 near5 (time duration period)) same (switch\$3 chang\$3) near10 channel and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:46
S86	7	(substitut\$3 replac\$5 alternat\$3) near10 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near10 (time duration period) same (switch\$3 chang\$3) near10 channel and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:49
S87	4	(substitut\$3 replac\$5 alternat\$3 switch\$3 chang\$3) near10 (video stream\$3 music media channel) same parent adj2 control\$3 and @ad< "20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:53

S88	289	(substitut\$3 replac\$5 alternat\$3 switch\$3 chang\$3) near10 (video stream\$3 music media channel) and parent adj2 control\$3 and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:56
S89	13792	(substitut\$3 replac\$5 alternat\$3) near10 (video stream\$3 music media channel) same (switch\$3 chang\$3) near10 (video stream\$3 music media channel) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:57
S90	8306	(substitut\$3 replac\$5 alternat\$3) near5 (video stream\$3 music media channel song) same (switch\$3 chang\$3) near5 (video stream\$3 music media channel song) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:58
S92	23	(substitut\$3 replac\$5 alternat\$3) near5 (video stream\$3 music media channel song) same (switch\$3 chang\$3) near5 (video stream\$3 music media channel song) same control\$3 near5 broadcast\$3 and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:59
S91	0	(substitut\$3 replac\$5 alternat\$3) near5 (video stream\$3 music media channel song) same (switch\$3 chang\$3) near5 (video stream\$3 music media channel song) same (control\$3) near5 (video stream\$3 music media channel song) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 12:59
S93	41	(substitut\$3 replac\$5 alternat\$3 control\$3) near5 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near5 ((video audio tv television) adj2 channel) same broadcast\$3 and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 13:08

S94	6	(substitut\$3 replac\$5 alternat\$3) near5 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near5 ((video audio tv television) adj2 channel) same broadcast \$3 and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 13:09
S95	8	(substitut\$3 replac\$5 alternat\$3) near10 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near10 ((video audio tv television) adj2 channel) same broadcast \$3 and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 13:16
S96	42	(substitut\$3 replac\$5 alternat\$3) near5 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near5 ((video audio tv television) adj2 channel) and @ad<"20030926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2010/07/08 13:17

**EAST Search History (Interference)**

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